

20000313.qrp v01_n759.qrl.20000313

Date: Mon, 13 Mar 2000 19:03:08 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1759

QRP-L Digest 1759

Topics covered in this issue include:

- 1) [65573] QRP.....For Sale
by RangerSF5@aol.com
- 2) [65574] Neato! First 10-m AEA DX-Handy QSO!
by "Brian P. Mileschosky" <n5zgt@swcp.com>
- 3) [65575] Want: 10 meter Beacon Plans
by "Brian P. Mileschosky" <n5zgt@swcp.com>
- 4) [65576] Mouser lookup Help???
by "Mark Hogan" <mhogan@email.msn.com>
- 5) [65577] Re: Count me as another PSK-31 newbie!
by BenNW7DX@aol.com
- 6) [65578] Re: HELP
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 7) [65579] RE: Kits and how to assemble them
by "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 8) [65580] QRP and the Palmpilot
by "Michael A. Newell" <wb4huc@texas.net>
- 9) [65581] FS: Books and Manuals
by "KA5T Larry Wise" <lewise@inetport.com>
- 10) [65582] OT: DC Motors
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 11) [65583] MFJ Morse Tutor SOLD
by Kw4cz@aol.com
- 12) [65584] Re: OT: DC Motors
by Drbob92031@aol.com
- 13) [65585] Re: FS: Books and Manuals
by "KA5T Larry Wise" <lewise@inetport.com>
- 14) [65586] The big SOC?
by "Gary Lee Phillips" <ka9nzi@arrl.net>
- 15) [65587] ATLANTICON ROOM TO SHARE... either way.
by S LYON <sslyon@worldnet.att.net>
- 16) [65588] RE:Argonaut II vs. K2
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 17) [65589] HW-9 tuner, swr, and speaker FS
by Jim/Julia <w7ls@blarg.net>
- 18) [65590] Q: PSK31 with the QRP+ ??
by Stan Yarema <bg783@scn.org>
- 19) [65591] MORE 160 M QRP

- by ARDUJENSKI@aol.com
- 20) [65592] QRQ net -- Burning the airwaves.
by Ed Loranger <we6w@qsl.net>
- 21) [65593] Re: Mouser lookup Help???
by Dave Fifield <fifield@pacbell.net>
- 22) [65594] Oak Hills DD1
by David Heintzleman <pstrdave@kdsi.net>
- 23) [65595] Re: Freeware Schematic Editor
by Bill Lazure <n2tpa@juno.com>
- 24) [65596] How to use QRP transmitter
by "Brian L. Lewis" <bl@csi.com>
- 25) [65597] Re: XTALS, PCB stock needed.
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 26) [65598] RE: HW-9 SCHEMATIC
by "Bradfield, Brad V." <BBradfield@spectrapoint.com>
- 27) [65599] Re: Count me as another PSK-31 newbie!
by Rohn <rohn@pubrats.com>
- 28) [65600] Re: XTALS, PCB stock needed.
by Bruce Muscolino <w6toy@erols.com>
- 29) [65601] Re: How to use QRP transmitter
by "Mike Yetzko" <myetzko@insydesw.com>
- 30) [65602] Re: How to use QRP transmitter
by Richard Matthews <prm@hiwaay.net>
- 31) [65603] Meter for HW8
by "Hartwell, Martin E (Marty)" <mhartwell@lucent.com>
- 32) [65604] Low Pass Filters/RF Sense Relays
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 33) [65605] [Fwd: How to use QRP transmitter]
by John Kuklewicz <kukl@cybrquest.com>
- 34) [65606] RE: Mouser lookup help
by Gregory Lawrence <gwl1@cornell.edu>
- 35) [65607] Re: FS: Books and Manuals
by "KA5T Larry Wise" <lewise@inetport.com>
- 36) [65608] Re: Freeware Schematic Editor
by "Dave Ek" <ekdave@earthlink.net>
- 37) [65609] Re: Freeware Schematic Editor
by "Leon Heller" <leon_heller@hotmail.com>
- 38) [65610] HW8 meters
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 39) [65611] RE: WB9VMY (0.1W) -> WB0CFF = 6970 mpW
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
- 40) [65612] RE: Cheap Magnifying Spectacles, Old Guys, SMT
by "John Beaston - K7TY" <k7ty@easystreet.com>
- 41) [65613] A45XR on 28033.2 calling for W/VE up at 1720Z 3/12/00
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 42) [65614] MC6871A
by "Brad Hernlem" <alihernlem@hotmail.com>
- 43) [65615] RE: Cheap Magnifying Spectacles, Old Guys, SMT

by "Ed Tanton" <n4xy@att.net>
44) [65616] Re: Teams
by "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>
45) [65617] K2 in the UK? you bet!
by "Denis Naylor" <aldebaran@ukgateway.net>
46) [65618] Re: HEATH HWx, subs for meters
by Stuart Rohre <rohre@arlut.utexas.edu>
47) [65619] SOC Score:WE6W
by Ed Loranger <we6w@qsl.net>
48) [65620] RE: K2 in the UK? you bet!
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
49) [65621] Re: SOC Score:WE6W
by Allan G Taylor <agtaylor@llnl.gov>
50) [65622] First SOC sweepstakes
by "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
51) [65623] RE: Soundcard problem?
by "Hubert Smits" <hubert.smits@wxns.nl>
52) [65624] FS: QRP Hardware
by "KA5T Larry Wise" <lewise@inetport.com>
53) [65625] ArkieCon pre-registration
by "Jay Bromley" <w5jay@alltel.net>
54) [65626] SOC Score:WE6W
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
55) [65627] Re: Time Zones.
by "Mel Evans" <mel@euramcom.freemove.co.uk>
56) [65628] FS Shack Cleaning Sale
by Ronnie Davis <ke4vpn@yahoo.com>
57) [65629] TNX Fer Help with 50 mhz beam question
by Ronnie Davis <ke4vpn@yahoo.com>

Date: Sun, 12 Mar 2000 19:05:46 EST
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [65573] QRP.....For Sale
Message-ID: <54.1fa891f.25fd8ada@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang.
Since I have my ARK 20-M and the RHR-20-M and a modified NC 20-M,
I decided to sell my SST-20-M.
It puts out appx 3+ watts and has a TICK chip installed.
No RX mods.....\$75.00 + shipping
SW 40+ in Ten Tec cabinet.....\$ 60.00 + shipping
SW has 10-K pot and the SST has a 1 turn pot

Tnx.
Bob
WA2HOQrp <tm>

Date: Sun, 12 Mar 2000 17:07:34 -0700
From: "Brian P. Mileschosky" <n5zgt@swcp.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [65574] Neato! First 10-m AEA DX-Handy QSO!
Message-ID: <000c01bf8c81\$3088ba40\$290586cc@hlw11>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Well, it begins with me buying an AEA DX-Handy 10 meter QRP HT about 3 years ago for \$125 when the solar cycle wasn't all that. The HT is in perfect condition with two crystals, one for the CW subband and one for the SSB subband. Not even a scratch on the housing!

Three years later, I pull it down from the closet shelf to give it a whirl since I'm on Spring break and have lots of radio time all of a sudden. Standing in my backyard, putting out 1.5 to 2 watts with the AEA AN-28 10 meter whip (Gain is -2 dB according to specs!), I manage to get ahold of WH6WI in Hawaii on 28.325 USB. At first he had a rough time copying but after turning on his 706's pre-amp could copy me fine. He gave me a 5-1 though, but there was a lot of QSB on the band and many adjacent Central and South American stations.

Not bad! I'm getting a card for this first QSO with this HT. I tried it on CW, but I heard nothing but beacons (which I want to build one of these days...see the next email). Better luck this week.

Anyway, enjoy the bands! Hope everyone had a great weekend.

72,
Brian, N5ZGT
Albuquerque, NM
<http://www.unm.edu/~brianm>

Date: Sun, 12 Mar 2000 17:13:02 -0700
From: "Brian P. Mileschosky" <n5zgt@swcp.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [65575] Want: 10 meter Beacon Plans
Message-ID: <000d01bf8c81\$318c2080\$290586cc@hlw11>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

I'm looking to build/modify a 10 meter beacon to put on the air, but need a hand in locating plans. Any ideas? I'd like to get info on the actual transmitter, as well as the memory module for the CW message, etc.

This is a new avenue I'd like to explore. What does everyone else use? Any help would be appreciated!

72,
Brian, N5ZGT
Albuquerque, NM
<http://www.unm.edu/~brianm>

Date: Sun, 12 Mar 2000 18:26:16 -0600
From: "Mark Hogan" <mhogan@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [65576] Mouser lookup Help???
Message-ID: <001001bf8c82\$bfd4e1a0\$2b861a3f@compaq>

Anyone help me find a mouser number for a SA612AN / NE602AN, I must not know how to keyword search for it?

Date: Sun, 12 Mar 2000 19:30:38 EST
From: BenNW7DX@aol.com

To: rohn@pubbrats.com, qrp-1@lehigh.edu
Subject: [65577] Re: Count me as another PSK-31 newbie!
Message-ID: <8c.1ae5c19.25fd90ae@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Rohn,

Even though you do use PSK31 under the SSB mode, the power is peaked all the way up to your selected power level when you transmit, just the same as cw. When using your voice & a microphone in SSB mode, the power usually doesn't go all the way to the max, which is why many people consider 10w good for ssb qrp.

Regarding "true" QRP operation, I don't think it matters too much on the power. Just start really low and if he doesn't copy you, turn it up a bit. I have had excellent success with a couple watts and PSK31, although there are sometimes those days where no one hears me and I have to up the power a few watts.

Good luck with your PSK31 QSO's. If you can copy the signals on your screen, it is pretty likely that they would copy you as well, so you may want to check all the settings on both your rig and the program.

73!

Ben - NW7DX

Date: Sun, 12 Mar 2000 20:37:42 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: bowerm@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65578] Re: HELP
Message-ID: <38CC4664.88B12137@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> >

>

> I believe it is swichable inside but don't rememer for sure. Did it
> (swiched to 6 watt) about 6 months ago and have since forgotten.

It's done with jumpers.

Easy to do but you have to open up the cabinet. Inconvenient in the field.

Date: Sun, 12 Mar 2000 19:32:57 -0500
From: "Prof. Arnaldo Coro Antich" <inforhc@mail.infocom.etcusa.cu>
To: <qrp-1@LeHigh.edu>
Subject: [65579] RE: Kits and how to assemble them
Message-ID: <000b01bf8c88\$267361c0\$04000a0a@user>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The recent posting about what's needed to properly assemble and adjust a kit, is an excellent idea that could be also useful to authors of technical articles.

A paragraph describing the tools and test instruments that are really required to assemble and then adjust to proper operating parameters of the equipment which is described in the article.

To the usual circuit diagrams, photos and descriptions, said paragraph dealing with tools and test instruments could prove very valuable to those wishing to build the equipment .

AND... a

lso for authors fortunate enough to own sophisticated test instruments it would also be a good idea to attempt adjustments using simpler homebrew instruments, so that those that do not have access to the factory built instruments can reproduce the results obtained by the author.

72 and DX

Arnie

C02KK

e-mail to : inforhc@ip.etcusa.cu

Date: Sun, 12 Mar 2000 19:32:40 -0600
From: "Michael A. Newell" <wb4huc@texas.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65580] QRP and the Palmpilot
Message-ID: <38CC4538.22E90F3B@texas.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've put together some QRP related information that can be copied to and viewed on pda's using the PalmOS operation system (Palm, Inc. Palmpilot, Handspring Visor, TRGPRO, etc.)

The information offered may not float everyone's boat, but what the heck, some folks might find some of it useful.

Point your browsers at <http://wb4huc.home.texas.net> and click the 'Handspring Visor/Palmpilot software and info' link on the left side of the page.

Please send any comments (for or against) to me personally rather than to the list, at wb4huc@texas.net

Thanks,

--

Michael A. Newell - WB4HUC
Austin, TX
QRP-L 1668
<http://wb4huc.home.texas.net>

Date: Mon, 13 Mar 2000 01:26:33
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [65581] FS: Books and Manuals
Message-ID: <200003130124.TAA01761@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Reflections Transmission Lines and Antennas
Walter Maxwell, W2DU Copyright 1990
ARRL Pub # 119
ISBN: 0-87259-299-5 First Edition First Printing
Includes 5 1/4 diskette.
Good shape Hard Cover - Has some writing in it.

\$25.00 shipped CONUS

Introduction to Radio Frequency Design
Wes Hayward, W7ZOI Copyright 1994-1996
ARRL Pub # 191
ISBN: 0-87259-492-0 First Edition, Second Printing
Includes 3 1/2 diskette.

Good shape Soft Cover

\$25.00 shipped CONUS

Solid State Design for the Radio Amateur

Wes Hayward, W7ZOI and Doug DeMaw, W1FB Copyright 1977

ARRL Pub # 31

Library of Congress Catalog Card Number: 77-730-94

Good shape Soft Cover - Aged

\$10.00 shipped CONUS

Solid State Design for the Radio Amateur

Wes Hayward, W7ZOI and Doug DeMaw, W1FB Copyright 1986

ARRL Pub # 31

Library of Congress Catalog Card Number: 77-730-94 Second Printing

Good shape Soft Cover - Has some written notes and highlighting

\$10.00 shipped CONUS

Low-Band DXing

John Devoldere, ON4UN Copyright 1987

ARRL Pub # 74

ISBN: 0-87259-047-X First Edition

Includes 2 5 1/4 diskettes

Good shape Soft Cover - Has notes and highlighting.

\$10.00 shipped CONUS

QRP Notebook

Doug DeMaw, W1FB Copyright 1990

ARRL Pub # 68

ISBN: 0-87259-306-1 First Edition Third Printing

Good shape Soft Cover - Cover marred where price tag removed

\$6.00 shipped CONUS

W1FB's QRP Notebook

Doug DeMaw, W1FB Copyright 1991
ARRL Pub # 68
ISBN: 0-87259-365-7 Second Edition Second Printing
Good shape Soft Cover - Cover marred where price tag removed

\$10.00 shipped CONUS

W1FB's Design Notebook
Doug DeMaw, W1FB Copyright 1990
ARRL Pub # 126
ISBN: 0-87259-320-7 First Edition Second Printing 1994
Good shape Soft Cover

\$10.00 shipped CONUS

W1FB's Antenna Notebook
Doug DeMaw, W1FB Copyright 1987
ARRL Pub # 73
ISBN: 0-87259-261-8 First Edition Fifth Printing 1993
Good shape Soft Cover

\$10.00 shipped CONUS

QRP POWER
Compiled by Joel Kleinman, N1BKE and Zack Lau, KH6CP/1 Copyright 1996
ARRL Pub # 210
ISBN: 0-87259-561-7 First Edition
Good shape Soft Cover

\$12.00 shipped CONUS

The ARRL Antenna Compendium Volume 1
several Copyright 1985
ARRL Pub # 58
ISBN: 0-87259-019-4
Good shape Soft Cover - Has some notes and highliting

\$10.00 shipped CONUS

The ARRL Antenna Compendium Volume 2
several Copyright 1989
ARRL Pub # 112
ISBN: 0-87259-254-5 1st Edition Second Printing 1990
Good shape Soft Cover

\$12.00 shipped CONUS

The ARRL Antenna Compendium Volume 3
several Copyright 1992
ARRL Pub # 162
ISBN: 0-87259-401-7 First Edition
Good shape Soft Cover

\$14.00 shipped CONUS

The ARRL Antenna Compendium Vol 4
several Copyright 1995
ARRL Pub # 192
ISBN: 0-87259-491-2 First Edition
Includes 3 1/2 diskette
Good shape Soft Cover

\$20.00 shipped CONUS

The ARRL Antenna Compendium Vol 5
several Copyright 1996
ARRL Pub # 211
ISBN: 0-87259-562-5 First Edition
Includes 3 1/2 diskette
Good shape Soft Cover

\$20.00 shipped CONUS

The ARRL Antenna Compendium Vol. 6
several Copyright 1999
ARRL Pub # 245
ISBN: 0-87259-743-1 First Edition
Includes CD-ROM

Good shape Soft Cover

\$20.00 shipped CONUS

The ARRL Antenna Book
several Copyright 1984

ARRL Pub # 15

Library of Congress Catalog Card Number: 55-8966

ISBN: 0-87259-414-9 Fourteenth Edition 3rd Printing

Worn Soft Cover - Aged

\$5.00 shipped CONUS

The ARRL Antenna Book
several Copyright 1991

ARRL Pub # 15

Library of Congress Catalog Card Number: 55-8966

ISBN: 0-87259-206-5 16th Edition First Printing

Good shape Soft Cover

\$15.00 shipped CONUS

The 1965 Radio Amateur's Handbook
several Copyright 1965

ARRL Pub # 6

Library of Congress Catalog Card Number: 41-3345

Forty-Second Edition

Falling apart Worn Soft Cover - All pages appear present

\$5.00 shipped CONUS

The 1976 Radio Amateur's Handbook
several Copyright 1975

ARRL Pub # 6

Library of Congress Catalog Card Number: 41-3345

Fifty-Third Edition

Good Shape Soft Cover - Aged

\$5.00 shipped CONUS

The 1979 Radio Amateur's Handbook
several Copyright 1978
ARRL Pub # 6
Library of Congress Catalog Card Number: 41-3345
Fifty-Sixth Edition
Worn Soft Cover - Aged

\$5.00 shipped CONUS

The 1986 Radio Amateur's Handbook
several Copyright 1985
ARRL Pub # 6
Library of Congress Catalog Card Number: 41-3345
ISBN: 0-87259-163-8 Sixty-Third Edition
Worn Soft Cover - Aged Clear packing tape on back binding and first page

\$10.00 shipped CONUS

The 1992 Radio Amateur's Handbook
several Copyright 1991
ARRL Pub # 6
Library of Congress Catalog Card Number: 41-3345
ISBN: 0-87259-169-7 Fifty-Ninth Edition
Good shape Hard Cover

\$15.00 shipped CONUS

Technical Manual Sylvania Radio Tubes
Copyright 1951
Eighth Edition 3rd Printing
Well worn and aged...
10 in by 6 in Leatherette multi ring loose leaf binder
Has about 7/8 in of pages in it. Includes some TV tubes,
1,3,6,7,12,14,19,25,28,35,45,50,70,80,117 numbered tubes.

\$10.00 shipped CONUS

Offers welcome...Prices include \$3.20 for shipping, more
for the heavy stuff.

Larry KA5T
Georgetown, Texas

Date: Sun, 12 Mar 2000 21:13:57 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: qrp-1@lehigh.edu
Subject: [65582] OT: DC Motors
Message-ID: <38CC4EE3.6154D85A@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just got a folder from Mendelson listing several DC motors that were originally designed for operating automobile power windows. The motors have a fair amount of torque.

I am thinking about setting up a major ventilation fan near the pool. The purpose would be to discourage mosquitoes and other flying critters during the summer. I don't have AC available. My game plan was to use one of the window motors to power the fan. I should be able to get enough torque out of the motor to turn the fan and I can adjust fan speed by changing out the dia of the wheels the belt wraps around. Power would be supplied by a 12V 17AH power pack or by a deep cycle marine battery.

My question is does anyone know if these motors can handle a 100% duty cycle? They would be running continuously for 1-2 hours at a time.

Tnx

Henry

Date: Sun, 12 Mar 2000 21:31:33 EST
From: Kw4cz@aol.com
To: qrp-1@lehigh.edu
Subject: [65583] MFJ Morse Tutor SOLD

Message-ID: <68.1cac05b.25fdad05@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

MFJ - 418 SOLD

Thanks for your interest.

73,
Gordon kw4cz

Date: Sun, 12 Mar 2000 21:39:16 EST
From: Drbob92031@aol.com
To: qrp-1@lehigh.edu
Subject: [65584] Re: OT: DC Motors
Message-ID: <90.1be32f7.25fdaed4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Henry;

Some where I recall that an auto alternator or old style generator was nothing more than a DC motor working "backwards." They ran for more than 2 hrs without a problem.
72/73 de wa2eaw...Bob

Date: Mon, 13 Mar 2000 02:43:53
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [65585] Re: FS: Books and Manuals
Message-ID: <200003130241.UAA06586@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

The following have been spoken for:

Reflections book
1965 ARRL Handbook
Intro to RF Design
Both Solid State Designs
Low Band DXing

Both QRP Notebooks
W1FB Design Notebook

thanks,

Larry KA5T
Georgetown, TX

Date: Sun, 12 Mar 2000 20:52:19 -0600
From: "Gary Lee Phillips" <ka9nzi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [65586] The big SOC?
Message-ID: <200003130252.VAA09463@smtp10.atl.mindspring.net>

I missed the marathon. Since I get the list in digest, all the reminders came too late. Maybe I should join SOC after all.

However, went through some old logs looking for something this afternoon, and found that I worked N4BP on 15 meters 23 Oct 1983 during a QRP-ARCI event. Does that count? ;-)

(And neither of us have changed calls in 16 years. Now that may be a record...)

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP ARCI #5154 <http://www.netcom.com/~fuffile/>

Date: Sun, 12 Mar 2000 22:44:05 -0500
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [65587] ATLANTICON ROOM TO SHARE... either way.
Message-ID: <38CC6405.A968B585@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's getting close, gents, and I still have a room to share.... unless someone else would like to share a room with me so I can cancel. Don't snore (hardly) or smoke or any other bad habits. Advise directly. See

you there!

72

=s=

--

'Seab' Lyon - AA1MY

Beacon NY USA FN-31

QRP-L 574 ARCI 9253

Date: Sun, 12 Mar 2000 22:56:33 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [65588] RE:Argonaut II vs. K2
Message-ID: <38CC66F1.9DBC8BD@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well Fairly soon I'll have the chance to make that comparison. I've been using an Argo II for about a year now and I am very happy with it. But I am now building my K2. Once I get the basic rig going I expect I may add the SSB feature and that would make for a good side by side test. In CW mode alone it will be interesting to compare the K2 filtering set up and the adjustable filtering on the Argo II. Stay tuned.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Sun, 12 Mar 2000 22:20:25 -0800
From: Jim/Julia <w7ls@blarg.net>
To: qrp-1@lehigh.edu
Subject: [65589] HW-9 tuner, swr, and speaker FS
Message-ID: <38CC88A9.F966EEFB@blarg.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yeau, gangue...

I have the following stuff for sale:

Heathkit speaker (matches the HW-9)

Heathkit power meter/swr meter (matches the HW-9)

Heathkit antenna tuner (matches the HW-9)

I have the original Heathkit manuals for all of the above. Condition is excellent. I don't have prices figured, yet. Make a reasonable offer or just wait a few days for me to post prices. I would entertain swap offers for the following radios, or similar radios: PRC-25, PRC-77, PRC-68, PRC-126, PRC-68, RT-524, PRC-64, or Delco 5300. Values of the above vary, but they are of interest for a trade of some kind. Thanks.
Jim W7LS

Date: Sun, 12 Mar 2000 22:27:45 -0800 (PST)
From: Stan Yarema <bg783@scn.org>
To: qrp-l@lehigh.edu
Subject: [65590] Q: PSK31 with the QRP+ ??
Message-ID: <Pine.SUN.3.96.1000312222319.9530E-100000@scn>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang,

Is anyone out there using a QRP+ on PSK31 ?? I would think it would be suitable but I haven't tried it. Orrr..... Is anyone having problems trying to get PSK31 up on a QRP+ ?? Is USB the only option ???

Thanks and you can respond directly to me.
72 Stan, K7SY

Date: Mon, 13 Mar 2000 01:44:05 EST
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu, nwq-l@scn.org
Subject: [65591] MORE 160 M QRP
Message-ID: <97.2e846e7.25fde835@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

It was interesting last nite that checking in with the local 160M fellas, 3/4 to 1 watt pulled in a solid S-9 SSB with sations up to 280 miles away. Antenna is still the endfed 132 ft inverted vee wire up 30 ft at the apex. Good old NVIS (SMILE). One of the other stations with a similar set up followed suit

I thought I would just pass this along for those who still think you need big antennas and big power to have fun and good solid local communications on 160M.

Alan KB7MBI

Date: Sun, 12 Mar 2000 22:52:11 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateru Radio Discussion <qrp-l@lehigh.edu>, "hamjoel@juno.com" <hamjoel@juno.com>, Randy Foltz <rfoltz@turbonet.com>, Ed Loranger <we6w@netzzero.net>, Barney Waldrop <cbrlwaldrop@pullman.com>, nw7dx <BenNW7DX@aol.com>, Dan <KD6AXT@cs.com>, Randy <t-ranch@humboldt1.com>, Subject: [65592] QRQ net -- Burning the airwaves.
Message-ID: <38CC901B.D8A40494@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Good friends. Big things happend this week. I shipped out one K2 fully loaded and it has already nabbed countless QRP'ers and the lowly fox. I started another K2 this Tuesday after spending last weekend building up the options for it. That K2 was finished yesterday (except for microphone configuration). WOW! What a week. And tonight there was the QRQ net. I have been so busy having K2 fun that I have to copy our cajun friend Joel on this email to tell him that his rig has been on the air and works VERY FB!

I had a nice chat with Bill, KF6RMK/AG who is a qrp'er and may join us in the QRQ net in the future. Bill's Norcal 40 A was very clean and had a beautiful tone.

Net Report:

The net started promptly at 0300Z tonight on 7039 KHz and ended at 0615Z. That's right. Silly Ben and I went all the way up to 62 WPM and that takes time!

W6RA/Randy was hesitant at 36 WPM, but with a show

of support from the group, concentrated and was sending better at 44 WPM than when he was at the lower speeds! Wow! And Ben/NW7DX is now telling me his keyer goes to 100 WPM and after reaching 62 WPM tonight, I believe he may get there!

Tonight I reached a limit on the Vibroplex bug. I had made 2 additional weights. One to cover all the 40 PM speeds and one to cover up to 55 WPM. Well, it looks like the bug will top out at about 68 or 70 WPM and tonight I ran it at what appears to be 62 WPM (albeit a bit choppy), but had to us NO WEIGHTS! I had removed the 3rd weight and wrapped a section of solder for a weights in the 55+ WPM rate but even that had to go. The darn bug was bare naked to make it above 60 WPM. What a trip. One thing I noticed was I had to pivot more at the wrist to send above 50 WPM. The dah/dit ratio really improved. Gotta remember that.

Barney/W7IHN is sending well with his bug and I see him in the high 30's to 40 WPM by next month. And Randy/K7TQ sends so perfect these days, we'll have to get him to shy from that just a tad so he can break 40 WPM. Let's do it dude! Trail master Dr. Bob Armstrong/N7XJ gave us a quick call of support but had to run. Thanks for the check in Bob. And of all surprises, propogation was good enuf for our first ever QNQ net QNI, Wayne/NB6M/mm, all the way off the coast of Mexico where he's been sailing these last 8 weeks or so.

I kept lookin' over my shoulder, this much fun just has to be illegal! Thanks to all for the support and keeping us pushing ahead for fast and clean CW code.

QNI LIST:

WE6W/ncs => 62 WPM, bug
NW7DX age 15, ==> 62 WPM, keyer
W7IHN == 30 WPM, bug
N7XJ/QNI, keyer.
K7TQ/ ==>34 WPM
W6RA ==> 44 WPM

I really applaud these hams for their ability to recognize the need for concentration and overcome sending errors.

I'll send out the next 3 practices sentences by Wednesday. We are stoked! 72/Ed we6w

--

72/Ed we6w; A-1 OP; SOC#63; QRPL#1068

<http://www.qsl.net/we6w> Santa Rosa, CA
Call Tobor, The 8th man, to the rescue!

Date: Sun, 12 Mar 2000 23:40:50 -0800
From: Dave Fifield <fifield@pacbell.net>
To: mhogan@email.msn.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65593] Re: Mouser lookup Help???
Message-ID: <000f01bf8cbf\$749dbd00\$0100a8c0@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Mark, Mouser does not carry the NE602 or SA612 etc. Dan's Small Parts used to carry them but I'm not sure if he still has any. There are some at the Anchor Electronics store on Walsh Ave in Santa Clara but I think they are very expensive there. Several of the big electronics distributors like Future Electronics, Avnet-Marshall etc. carry it in volume, but I think you'll get hit with large handling charges if you just want a few.

Actually, I can sell you one or two as RHR spares for a very reasonable amount if you want....write to me directly.

Cheers,
Dave Fifield, AD6A

----- Original Message -----
From: Mark Hogan <mhogan@email.msn.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, March 12, 2000 4:26 PM
Subject: Mouser lookup Help???

> Anyone help me find a mouser number for a SA612AN / NE602AN, I must not know
> how to keyword search for it?
>
>
>

Date: Mon, 13 Mar 2000 12:05:14 +0000
From: David Heintzleman <pstrdave@kdsi.net>

To: qrp-1@Lehigh.EDU, tentec@qth.net, tentec@contesting.com
Subject: [65594] Oak Hills DD1
Message-ID: <38CCD97A.9204B70B@kdsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

any suggestions as to best spot for connection of DD1 digital readout to the following:

TenTec Century 21 analog
Argonaut 515
Argosy 525 analog??

Dave K8BBM

Date: Mon, 13 Mar 2000 07:19:55 -0500
From: Bill Lazure <n2tpa@juno.com>
To: n0rc@qsl.net
Cc: QRP-L@Lehigh.edu
Subject: [65595] Re: Freeware Schematic Editor
Message-ID: <20000313.072853.-153705.2.n2tpa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Rod (and Gang),

This couldn't be easier. In my travels, I've come across two programs that are totally free and complete (not crippled shareware. A quick jog to my web page will show both of them. <http://www.qsl.net/w2eb>

The better of the two can be downloaded direct from :
<http://www.winsite.com/info/pc/win95/misc/cad126.zip>
It's called TinyCad.

73,

Bill
W2EB
Syracuse, NY

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Mon, 13 Mar 2000 06:36:08 -0600
From: "Brian L. Lewis" <bl@csi.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [65596] How to use QRP transmitter
Message-ID: <38CCE0B7.73AAD12A@csi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am not that old a ham that I had to use seperate reciever and transmitter. I am having a problem using a homebrew 40m qrp transmitter I made up.

I try using my Knwd 850 as a reciever, but when I transmit, I over load the reciever (even with 250mw) using a 2 position antenna switch. Even when the 850 is not hooked to the antenna the rig sends the s meter to the limit. I can push in the attenuators on the 850, but then I have to undo them when I go to recieve.

Can I just put the 850 in SEND, flip the antenna switch to the qrp transmitter and then send away? Never actually keying the 850? Any suggestions? There has to be a simpler way.

How is it done with the Tuna Tin 2?

Thanks.

Brian Lewis
K5RV
qrp-1 #324

Date: Fri, 10 Mar 2000 10:25:32 -0500
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [65597] Re: XTALS, PCB stock needed.
Message-ID: <38C913EC.D2A2344C@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone done a 80 meter version of the TT2?

Ed AB8DF

Date: Mon, 13 Mar 2000 07:22:05 -0600
From: "Bradfield, Brad V." <BBradfield@spectrapoint.com>
To: "'QRP-L'" <qrp-l@lehigh.edu>
Subject: [65598] RE: HW-9 SCHEMATIC
Message-ID: <8D9A3E0C6F42D1118EDC0060081D3FFA023D8910@ucusmail.spectrapoint.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Good morning y'all - -

I posted a note to the list Friday looking for a copy of the schematic =
and
maybe a portion of the manual for a HW-9, to help a newcomer in Alaska =
get
on the air. Within an hour I had received three offers of assistance, =
with
a fourth received over the weekend. Thanks much to KB0LMQ, KA7OZO, and
KF7AR for their offers, and to AL7JK who is already in Alaska, which =
should
save a bit of mailing time. Ain't this list great?!?!?

72's es 73's,

Brad, W5CGH

=3D=
=3D=
=3D=3D=3D=3D

Brad Bradfield, PE	W5CGH	Test Staff Engineer
(ex WB=D8CGH)		SpectraPoint Wireless LLC

Real men talk with their fingers!

NORTEX	NORCAL	QRP-L #377
SMIRK #4906	QRP-ARCI #	ARS #72
Austin QRP Club #i	Alaska QRP Club #350	

Date: Mon, 13 Mar 2000 07:35:59 -0600 (CST)

From: Rohn <rohn@pubrats.com>
To: qrp-1@lehigh.edu
Subject: [65599] Re: Count me as another PSK-31 newbie!
Message-ID: <Pine.LNX.3.96.1000313073347.31139A-100000@tavern.pubrats.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Got a minute before leaving for work... hmmm.... MIC Gain... hmm... wonder what this knob does... hmmm... wonder what would happen if I move it out of the zero positio --- WHOA!!!

Guess I'll be applying for my SOC number today ;-)

72's! or would that be 31's?
Rohn, NORTX

Date: Mon, 13 Mar 2000 08:31:25 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: eakwikjr@hti.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [65600] Re: XTALS, PCB stock needed.
Message-ID: <38CCEDAD.40F3@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed, and others,

Enough. Regardless of what others think, the Tuna Tin 2 is perhaps teh simplest transmitter desing around! It is a simple UNTUNED crystal oscillator followed by an UNTUNED final amplifier and a LOW PASS FILTER. It should be evident by inspection that the only components that need to be changed for poeration ANYWHERE are the crystal and the LOW PASS FILTER. Crystals are available from many sources, NORCALL being the best one. LOWPASS FILTERS can be taken almost wholly from other designs. Solid State Design for the Radio Amateur is one good source, the ARRL Handbook is another! Now go forth and experiment!

73

Date: Mon, 13 Mar 2000 08:40:37 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <bl@csi.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [65601] Re: How to use QRP transmitter
Message-ID: <004301bf8cf2\$178c2ce0\$c99dfea9@dads-hp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A lot of 'old' equipment used to have a 'mute' attachment for this. Or some kind of TX feed to the receiver to signal it to 'shut down'.

Then again, if it's not hurting anything, and you leave it, you'd be as close as you can get to full break-in or semi-break-in CW.

You could also wire up something to 'short' the antenna to ground on the receiver while your key is down. But now that adds complexity to something that was elegantly simple with your Tuna can.

If you want to keep any changes to the Tuna can minimal, you could always make a 'limiter' for the input on the receiver. Try just two diodes back to back (silicon) that may help. But if you ever forget to remove it and transmit with the Kenwood....

Mike

>I am not that old a ham that I had to use separate receiver and
>transmitter. I am having a problem using a homebrew 40m qrp transmitter
>I made up.
>
>I try using my Knwd 850 as a receiver, but when I transmit, I over load
>the receiver (even with 250mw) using a 2 position antenna switch. Even
>when the 850 is not hooked to the antenna the rig sends the S meter to
>the limit. I can push in the attenuators on the 850, but then I have to
>undo them when I go to receive.
>
>Can I just put the 850 in SEND, flip the antenna switch to the qrp
>transmitter and then send away? Never actually keying the 850? Any
>suggestions? There has to be a simpler way.
>
>How is it done with the Tuna Tin 2?
>
>Thanks.
>
>Brian Lewis
>K5RV
>qrp-l #324
>

Date: Mon, 13 Mar 2000 08:06:37 -0600
From: Richard Matthews <prm@hiwaay.net>
To: qrp-l@lehigh.edu
Subject: [65602] Re: How to use QRP transmitter
Message-ID: <3.0.1.32.20000313080637.009e6510@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:40 AM 3/13/00 -0500, you wrote:

>>How is it done with the Tuna Tin 2?

>>

>>Thanks.

>>

>>Brian Lewis

>>K5RV

.....

With a setup of a TT2 as the transmitter and a DSW-40 as a receiver, I just turn the gain down on the DSW-40 while transmitting and use the received TT2 signal as a sidetone. Works fine. It's a bit loud and a bit inconvenient, but if I wanted convenience I'd just use the DSW-40 as a transceiver and forget about the TT2.

Richard WA4NWW

Date: Mon, 13 Mar 2000 09:24:01 -0500
From: "Hartwell, Martin E (Marty)" <mhartwell@lucent.com>
To: qrp-l@lehigh.edu
Subject: [65603] Meter for HW8
Message-ID: <76B2C11F0337D3118A670008C7F9DBC7026FAF0B@OH0012EXCH002U>
MIME-Version: 1.0
Content-Type: text/plain;
charset="ISO-8859-1"

Hi all

First let me ask a question by way of an assumption. In reading the last digest I see a reference to Andy and an HW8 and the meter. I am assuming from this that Andy is trying to find a replacement meter for his HW8. In this digest I was reading someone gave Andy the measurements for a meter that fit in the hole of their HW8. Now on to the subject and the reason I started this note in the first place. I have made note of the size stated in the digest on that CB type meter that fit in the HW8 hole, I have

two meters at home which are still on the cardboard display. I picked these meters up at a flea market a long time ago. I thought they might work in a double meter swr bridge I was thinking of making then. Now comes the big question. If one of these is of that size and if Andy wanted it how could I get it to him. Now it couldn't cost to much more than a letter to send it over to Andy, that is if it is Andy in Scotland I am thinking of that is. Boy isn't it a wonder how we can see on item on a mail list and jump to a big conclusion. Now if my assumption is all wet here and I don't hear anything back, oh well. At any rate I will still look at those meters and see what the size is, I may think of something to use them for myself.

Martin (Marty) Hartwell

KD8BJ

MI-QRP club M-1395 - CQRP club
QRP-L #199, SOC#94 GQRP club inactive
And some other organizations
139 Spring Park Pl. Gahanna, OH 43230

Email: chartwell@worldnet.att.net

Date: Mon, 13 Mar 2000 08:37:32 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [65604] Low Pass Filters/RF Sense Relays
Message-ID: <0974781F4FC8D211A24600902727E806011B2010@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

All,

In the 1980 ARRL handbook, on page 6-43 you can find a circuit for a seven pole Chebyshev low-pass filter with values given for 160 through 10 meters.

On page 13-23 there is a circuit for an RF sensed TR relay. It might be usabel for some QRP applications with separate receiver/transmitter operations,

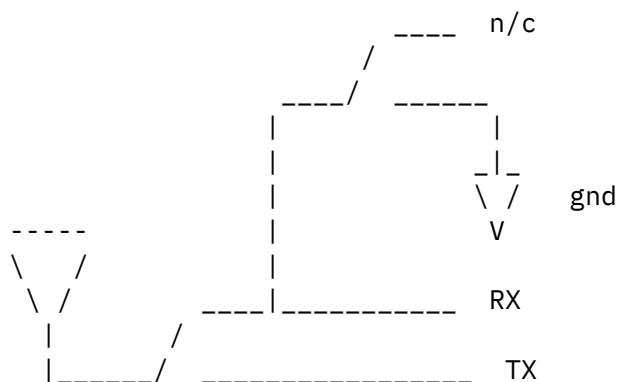
If you can't get ahold of a copy, an SASE to my callbook address will get you a copy.

Hal

Date: Mon, 13 Mar 2000 06:43:06 -0800
From: John Kuklewicz <kukl@cybrquest.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [65605] [Fwd: How to use QRP transmitter]
Message-ID: <38CCFE79.5D922552@cybrquest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In my olden days, I used a changeover relay that also shorted the RX antenna to gnd AND switched an extra pot into the RX's rf amp cathode line to drop the front end gain. Worked cool and you always knew when you were zero beat, none of this offset and sidetone stuff.
But, this probably wouldn't work with today's rigs.

I would go to a double pole changeover switch wired so as to gnd the RX input when transmitting. Switch is a DPDT type. Just be sure the switch is break before make (almost all toggle switches are - maybe use a center off (on-off-on) type to be sure).



73 john KQ6WC

Richard Matthews wrote:

>
> At 08:40 AM 3/13/00 -0500, you wrote:
> >>How is it done with the Tuna Tin 2?
> >>
> >>Thanks.
> >>

> >>Brian Lewis
> >>K5RV
>
>
> With a setup of a TT2 as the transmitter and a DSW-40 as a receiver, I just
> turn the gain down on the DSW-40 while transmitting and use the received
> TT2 signal as a sidetone. Works fine. It's a bit loud and a bit
> inconvenient, but if I wanted convenience I'd just use the DSW-40 as a
> transceiver and forget about the TT2.
>
> Richard WA4NWW

--

Date: Mon, 13 Mar 2000 09:48:10 -0500
From: Gregory Lawrence <gwl1@cornell.edu>
To: qrp-1@Lehigh.EDU
Subject: [65606] RE: Mouser lookup help
Message-ID: <4.1.20000313093926.00aa7930@postoffice.mail.cornell.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello:

M. Hogan wrote:

"Anyone help me find a mouser number for a SA612AN / NE602AN, I must not know how to keyword search for it?"

Several months ago I unsuccessfully searched the Mouser online database for a SA612AN / NE602AN IC. I sent an email to Mouser and they quickly responded. They don't stock these specific ICs. Since then I've purchased these ICs from both Dan's Small Parts and HB Electronics. Both are reliable sources.

As required - I don't have any interest in this matter other than answering the question.

gregL w2jwm

Gregory Lawrence
Government Information Librarian
Albert R. Mann Library

607.255.3242
607.255.0318 (fax)
GWL1@cornell.edu

Cornell University
Ithaca, NY 14853

In our libraries democracy is being reborn.

Date: Mon, 13 Mar 2000 15:02:38
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [65607] Re: FS: Books and Manuals
Message-ID: <200003131500.JAA09649@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

The following have been spoken for:

Reflections book
1965 ARRL Handbook
Intro to RF Design
Both Solid State Designs
Low Band DXing
Both QRP Notebooks
W1FB Design Notebook

Antenna Compendium Volume 1
Antenna Compendium Volume 2
Antenna Compendium Volume 3
Antenna Compendium Volume 4
Antenna Compendium Volume 5
Antenna Compendium Volume 6

thanks,

Larry KA5T
eorgetown, TX

>
>
>

Date: Mon, 13 Mar 2000 08:19:43 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: <qrp-1@lehigh.edu>
Cc: <norc@qsl.net>
Subject: [65608] Re: Freeware Schematic Editor
Message-ID: <000701bf8cff\$900fffe0\$3f813389@ekdant>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Rod,

I've been using Eagle Layout Editor Lite from CADSoft lately. It's freeware for noncommercial use, or \$50 to register it if you use it for commercial purposes. Their full version is \$199, but the Lite version is pretty functional.

www.cadsoftusa.com

73,

Dave AB0GO

Date: Mon, 13 Mar 2000 07:49:56 PST
From: "Leon Heller" <leon_heller@hotmail.com>
To: ekdave@earthlink.net, qrp-1@Lehigh.EDU
Subject: [65609] Re: Freeware Schematic Editor
Message-ID: <20000313154956.22572.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>I've been using Eagle Layout Editor Lite from CADSoft lately. It's freeware
>for noncommercial use, or \$50 to register it if you use it for commercial
>purposes. Their full version is \$199, but the Lite version is pretty
>functional.

Someone recommended it to me, and I was quite impressed with it. It looks about as good as the more expensive package I normally use, and my usual PCB supplier (a German co. in Ireland) can handle CADSoft Eagle files.

Leon

--

Leon Heller, G1HSM

Tel (work): +44 1327 357824 Tel (mobile): +44 79 9098 1221

InfraRed Integrated Systems Ltd., Towcester Mill, Towcester, Northants.,
NN12 6AD, United Kingdom.

Email:leon_heller@hotmail.com

Web page: <http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 13 Mar 2000 10:03:50 -0600

From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>

To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>

Subject: [65610] HW8 meters

Message-ID: <0974781F4FC8D211A24600902727E806011B2018@saturn.rose.cc.ok.us>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

All,

Does anyone have an old meter that doesn't work for one of these rigs that they wouldn't mind sending me? I might be able to find a source for a replacement if I had one to look at. I would prefer one that just had a bad meter movement and still had the coil in tact.

Hal

Date: Mon, 13 Mar 2000 10:29:48 -0600

From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>

To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>

Subject: [65611] RE: WB9VMY (0.1W) -> WB0CFF = 6970 mpW

Message-ID: <0974781F4FC8D211A24600902727E806011B201A@saturn.rose.cc.ok.us>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

OK, since Ron did the calculations and I know qualify for the 1000 mpW, how do I apply?

Hal

-----Original Message-----

From: Ron McConnell [mailto:rcmcc@lucent.com]

Sent: Friday, March 10, 2000 9:51 PM

To: hdeitz@ms.rose.cc.ok.us

Cc: w2iol@arrl.net; jwodel@ameritech.net

Subject: WB9VMY (0.1W) -> WB0CFF = 6970 mpW

Ok, this is my final answer
(unless we get more exact lat/lon from WB0CFF). :)

73,

Ron McC.

w2iol@arrl.net

++++++ START RUN ++++++

GCGC = Great Circles, Grid-locators & Coordinates
[V.2000.01, 2000 Feb 29, w2iol]

Input = -w 35.699020 n 96.95155 w 0.1 p 44 37.41 n 93 42.96 w

Sta. 1: Grid = EM15mq Mag Dec = 5.4 E deg
N 35d 41m 56.5s = 35d 41.941m = 35.69902d N
W 96d 57m 5.6s = 96d 57.093m = 96.95155d W

Sta. 2: Grid = EN34do Mag Dec = 2.4 E deg
N 44d 37m 24.6s = 44d 37.410m = 44.62350d N
W 93d 42m 57.6s = 93d 42.960m = 93.71600d W

Ellipsoid: WGS 84 (NAD83) .100 Watts

Short Path: 1-2 = 14.52 deg 638.982 mi 6390. mpW
2-1 = 196.61 deg 1028.341 km 555.260 nmi

Long Path: 1-2 = 194.52 deg 24220.734 mi
2-1 = 16.61 deg 38979.494 km 21047.243 nmi

Magnetic: 1-2: Short: 9 Long: 189 deg
[2000.19] 2-1: Short: 194 Long: 14 deg

Date: Mon, 13 Mar 2000 08:52:10 -0800
From: "John Beaston - K7TY" <k7ty@easystreet.com>
To: <kizerian@ced.utah.edu>
Cc: <qrp-l@lehigh.edu>
Subject: [65612] RE: Cheap Magnifying Spectacles, Old Guys, SMT
Message-ID: <005001bf8d0c\$799adf20\$52d1a2d1@grumpy.easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I haven't tried these for close-up applications but they are good for turning a regular pair of glasses into bifocals. They stick to glass/plastic just like those little oil changes stickers. You could probably adapt them as needed. They're plastic so you can cut them to fit.

<http://www.optx2020.com>

-John K7TY

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
> Bruce Kizerian
> Sent: Friday, March 10, 2000 3:09 PM
> To: Low Power Amateur Radio Discussion
> Subject: Cheap Magnifying Spectacles, Old Guys, SMT
>
>
> Are you a frugle old guys (like myself) who wants to do SMT
> assembly? Need a good pair of magnifying spectacles that
> don't cost an arm and a leg? Try this making these high
> power bi-focals.
>
> Buy two pairs of cheap reading glasses at your local
> discount store. The first should be a full size pair just
> strong enough for you to read or do normal assembly at your
> work bench. The second should be a pair with the half sized
> lenses (the kind that look like someone cut off the top half
> of the lens) as strong as you can find--probably around
> 2.75+ diopter. Take the smaller lenses out of their frames
> and glue them to the bottom half of the front of the larger
> pair. I used a small amount of hot glue applied to the
> bottom edges only of the smaller lenses. That's all ther is
> to it. They work as well or better than the flip down kind,
> and the don't get in the way when you want to get close to
> your work.

>
> Having spent half my life building electromechanical
> assemblies so small that a 0402 capacitor is considered
> macro rather than micro I can assure you that a pair of
> these glasses will keep your eyes happy and your head from
> hurting.
>
> Bruce kk7zz
>

Date: Mon, 13 Mar 2000 12:24:59 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: NoVa QRP group <NoVaQRP@topica.com>, NJ QRP Club <njqrp@njqrp.org>, QRP-L
<qrp-l@lehigh.edu>
Subject: [65613] A45XR on 28033.2 calling for W/VE up at 1720Z 3/12/00
Message-ID: <38CD246A.ADD4AFD@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oman on 10m -- got him when the band came up with 4w to the attic
dipole. (I was calling for about a half hour -- lucky the band
opened.) He worked a couple QRPers before me.

Jake -- N4UY
Vienna, VA

Date: Mon, 13 Mar 2000 10:12:24 PST
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Cc: ab4eh@blast.net
Subject: [65614] MC6871A
Message-ID: <20000313181224.95329.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Thanks to everyone who helped identify this 1 MHz oscillator, most
particularly, ab4eh, who tracked down a spec sheet for me. It seems that
even Motorola has chucked out their old data books; they could not help me.

In case any of you are interested, the pinout is:

>Pin 1 Ground
>Pin 3 Memory Clock output
>Pin 5 Phase2 (TTL) output
>Pin 7 Vcc (+5 V)
>Pin 12 Phase2 (NMOS) output
>Pin 13 Phase1 (NMOS) output
>Pin 18 Ground
>Pin 20 HOLD (Active low) (used to stretch Phase 1 high)
>Pin 22 Memory Ready (input)
>Pin 24 2xfc Twice clock frequency output

Pins 20 and 22 should be held HIGH to make the oscillator free-running.

The chip draws about 50 mA and makes a good frequency marker (I'll add a decade counter to get 100 kHz marks).

B.G. Micro (www.bgmicro.com) sells these for 2/\$1.00 (I have no association with B.G. Micro. Just thought I'd mention)

Thanks again.

Brad

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 13 Mar 2000 13:43:26 -0500
From: "Ed Tanton" <n4xy@att.net>
To: <k7ty@easystreet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65615] RE: Cheap Magnifying Spectacles, Old Guys, SMT
Message-ID: <NBBBJDEEIFDDANGEGHLBCEFPJDAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Eckerd's sells these... as do other drugstores, probably.

Ed Tanton N4XY <n4xy@arrl.net>

Website: www.qsl.net/n4xy

"Do what's right. You'll please some people, and amaze everyone else."

Mark Twain

-----snip

John Beaston - K7TY

I haven't tried these for close-up applications but they are good for turning a regular pair of glasses into bifocals. They stick to glass/plastic just like those little oil changes stickers. You could probably adapt them as needed. They're plastic so you can cut them to fit.

<http://www.optx2020.com>

-----snip

Date: Mon, 13 Mar 2000 12:53:25 -0600

From: "Mike =?ISO-8859-1?Q?N=D8WDM"?= <michaelbstjames@email.msn.com>

To: <rattray@gpfn.sk.ca>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [65616] Re: Teams

Message-ID: <004601bf8d1d\$6aeabd40\$98380b3f@default>

Bruce ... Glad to have you back. Hope your recovery is quick.

Mike in Minnesota

Date: Mon, 13 Mar 2000 18:53:00 -0000

From: "Denis Naylor" <aldebaran@ukgateway.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [65617] K2 in the UK? you bet!

Message-ID: <00b901bf8d1d\$8d5b4480\$c76045c2@default>

MIME-Version: 1.0

Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Many thanks all the enthusiasts of K2 who replied with really excellent information and experiences on building and operation of this remarkable transceiver, and to Elecraft for picking up on my query.

It is good to see this level of excitement and enthusiasm, over a transceiver kit project.

Amateur Radio is alive and well.

Your replies have certainly inspired me to wish to build a K2 and I will be contacting some of you for soon for a chat as you kindly offered.

Regards to all, 73

Denis, GM3SKN Shetland Islands UK

Date: Mon, 13 Mar 2000 13:18:30 -0500
From: Stuart Rohre <rohre@arlut.utexas.edu>
To: dixie@townsqsr.com, qrp-1@lehigh.edu
Subject: [65618] Re: HEATH HWx, subs for meters
Message-ID: <MailDrop1.2d7j.1000313131830@rohre.arlut.utexas.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII

Thanks for the definite info on an HW8 meter vendor! In the time frame of the HW series, there was a large "standard" line of off shore meter and parts vending starting with Japan, then Taiwan and Hong Kong. As wages went up in Japan, the importers turned to Korea for cheap components and meter sources.

I remember the lines of components first made by Calrad, and there was Olson, and Herald, and perhaps others. At one time the components and meters from Radio Shack and Lafayette had near identical lines, as they were all coming off Asian production lines.

It is possible that Heath had more than one vendor, or one vendor copied another's design. If the scale cutout in the panel fits, and the depth of any meter found fits, and you get the multiplier resistor figured to adapt a meter of one full scale rating to your HW8, you can substitute meters.

Meters in general, are simply current operated devices, and if you can get a more sensitive current rating meter to sub, or equal to the original, things like scales can be changed to fit the original Heath layout. You end up adding a resistor across the meter terminals to up the scale rating of the replacement meter if it was more sensitive than the original. However, many of the import meters are somewhat standardized at 500 or 200 micro amp

movements, which can be shunted with appropriate resistor to many other ranges. In contrast, the "standard" simpson basic meter movements of the 50's and earlier were 0-1ma, and 0-50 microamperes. Hams routinely shunted those meters to other applications and higher current ranges.

Even those meter applications that might be calibrated in volts are often DC current meters operating from a diode or bridge diode rectifier.

The exception to the above are the AC iron vane voltmeters of the 50's such as those made by Emico, and others. They are made as voltmeters.

Hope this is helpful to Andy,
72,
Stuart K5KVH
Austin TX

Date: Mon, 13 Mar 2000 11:29:15 -0800
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [65619] SOC Score:WE6W
Message-ID: <38CD418B.5D63@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Worked a full minute in the contest and
got all of my 7 points right there.

Station:WE6W, Ed Loranger SOC#63
Pwr output = 5 Watts to Folded Dipole up 30 feet.
ZM-2 ATU, Vibroplex original bug and Argonaut 509.

DATE 3/11/2000
2359Z 7040 KHz. K0EVZ 559/559 ND #104

Time on the air:2 minutes to complete the QSO in QRN.

72/Ed we6w

--

-72/Ed WE6W; A-1 OP; SOC #63 "AGN?"; QRP-L#1068
<http://www.qsl.net/we6w> Santa Rosa, CA
Call Tobor, The 8th Man, to the rescue!

Date: Mon, 13 Mar 2000 14:05:29 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [65620] RE: K2 in the UK? you bet!
Message-ID: <0974781F4FC8D211A24600902727E806011B201C@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

All (especially you Elecraft guys),

Having grown up in a family that owned its own advertising agency, I came to understand some aspects of what different kinds of advertising does. I learned very quickly that word of mouth advertising is by far the best, positive or negative. Positive word of mouth advertising is the hardest to acquire and impossible to buy. When a company manages to create a product that gains such Positive word of mouth advertising as the K2 has, you just know it has to be good!

Hal

Date: Mon, 13 Mar 2000 12:32:34 -0800
From: Allan G Taylor <agtaylor@llnl.gov>
To: qrp-l@Lehigh.EDU
Subject: [65621] Re: SOC Score:WE6W
Message-ID: <38CD5062.2B03@llnl.gov>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for an entry in the true SOC style...

GT

--
Allan Taylor K7GT agtaylor@llnl.gov
DXCC/40CW DXCC 2000 Millenium award
SOC #6 QRP ARCI #10146 HI/QRP #93

Date: Mon, 13 Mar 2000 14:39:58 -0600
From: "Deitz, Harold L." <hdeitz@ms.rose.cc.ok.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [65622] First SOC sweepstakes

Message-ID: <0974781F4FC8D211A24600902727E806011B201E@saturn.rose.cc.ok.us>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hey,

Was there a SOC contest this weekend? AGN?

Hal SOC#70

Date: Mon, 13 Mar 2000 21:42:37 +0100
From: "Hubert Smits" <hubert.smits@wxs.nl>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [65623] RE: Soundcard problem?
Message-ID: <NDBBIDPLKMEGGIBAJOJOENCCCAA.hubert.smits@wxs.nl>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello George,

Thanks for your answer, it was what I was expecting. So I do keep listening and practising. I'm not fully convinced that the problem hasn't a technical origin but I give it more time. Maybe I laugh at myself in a couple of weeks.

73 de Hubert, PE9HSM
pe9hsm@amsat.org

"Frustra fit per plura quod potest fieri per pauciora
- It is vain to do with more what can be done with less"

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of George T. Baker
Sent: zaterdag 11 maart 2000 23:05
To: Low Power Amateur Radio Discussion
Subject: Re: Soundcard problem?

Hubert, maybe the problem is in what you are expecting to hear and how you are going about it.

First off, FORGET about trying to count the dits in an S at any speed! What you must learn is the rhythm and "sound" of the S character, not the number of dits it contains. This is true for any character.

I think that what you are experiencing is normal in that as speed increases one's perception of the exact makeup of the character - in terms of individual dits and dahs - begins to blur as the sounds blend into one another. The fact that this effect happens with any computer and any sound reproducer, etc. pretty well says the problem is "between your ears" as you put it.

I do not have any particular remedy to suggest other than that you concentrate on the overall sound of each character and find ways to identify its unique rhythm rather than its numerical makeup of dits and dahs.

As speed increases it is only natural that the individual element sounds come closer and closer together and that they begin to take on a single collective sound.

I am sure that many others can offer advice in this area.

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county

Amateur Radio W5YR, in the 54th year and it just keeps getting better!

R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Hubert Smits wrote:

<with snips>

> But at higher speeds the sound loses quality. This sounds like an echo is
> added to the di's. This echo appears after 60 - 90 seconds of listening
and
> gets worse. After 3 to 4 minutes I can't distinguish the separate di's in
an
> S.

> Two questions here: is the problem with technology or between my ears, ie.
> does it require training to keep separating the di's at high speed (I'm
> practicing at 21wpm).

Date: Mon, 13 Mar 2000 21:47:54

From: "KA5T Larry Wise" <lewise@inetport.com>

To: "qrp" <qrp-1@lehigh.edu>
Subject: [65624] FS: QRP Hardware
Message-ID: <200003132146.PAA16617@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

MFJ 9015 15 meter XCVR with manual.
Has EMTECH audio filter soldered in.
Works fine.

\$90 shipped CONUS

TT-1330 30 meter xcvr built by me from kit.
Works fine. Full documentation.

\$75 shipped CONUS

TT1056 "Any Band Direct Conversion SSB/CW Receiver"
Kit built into box ready to use. Not built by me.
Full Documentation.

\$25 shipped Conus.

This is a TenTec T-Kit which is a receiver kit that includes all the parts to build up the receiver on any of the following bands:

160 80 40 30 20 17 15 12 10

It uses the NE612, LM358 and TDA2611A devices.
The rig is currently built up for the 30m band. All of the parts for the other bands are included.
Rig is installed in a 2 1/8 x 3 3/8 x 6 1/4 in box. The 5 control shafts come out of the 'front' (one of the 2 1/8 x 3 3/8 sides).
No knobs are included.
The 'rear' has the following:
 S0259 Coax antenna connector
 Mini off/on switch
 Fuse holder for tubular fuse
 Phones jack
 Power cord thru grommited hole
'Top' has 8 holes drilled for speaker audio.
Speaker is mounted to 'top'.

Plastic stickon feet mounted on 'bottom.

Requires 12VDC to operate.

Larry KA5T
Georgetown, TX

Date: Mon, 13 Mar 2000 15:40:46 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@Lehigh.EDU>
Subject: [65625] ArkieCon pre-registration
Message-ID: <004301bf8d34\$cb593460\$559b66a6@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Gang,

Below is the current list of pre-registered QRPers coming to ArkieCon. For more info on this: <http://www.fix.net/norcal.html>

To pre-register give Jerry Parker a email at jparker@fix.net

Registration and ArkieCon QRP forum is free and you must be present to win the main prize.

Also Kelsey has uploaded some of the bio's on our guest speakers. Check it out at <http://www.alltel.net/~kmike/arkiecon2.html>

I think I will intercept and detain any Texan on his or hers way to Atlanticon, grin! Thanks and 73 de w5jay..

Pre-registrations I have so far!

1. Doug Hendricks KI6DS
2. Chuck Adams K7QO
3. Paul Harden NA5N
4. Jim Duffey KK6MC
5. Glen Leinweber VE3DNL

6. David Gauding NF0R
7. Ed Roland AC5DC
8. Kelsey Mikel KK5KU
9. Keith Newman K5YCM
10. Royce Rainwater KE5TC
11. Win Dooley WB5KOM
12. Dennis Schaefer W5RZ
13. Jay Bromley W5JAY
14. Don Foster K5KW
15. Don Dorn K5AAR
16. Chuck Foley WB5EZV
17. Levi Taylor WA5WRN
18. John Rader KD5CNL
19. Ed Hern KD6CJD
20. Jimmy Poole KA5WRL
21. John Eddleman KC5JBY
22. Jim Habersetzer N5TK0
23. Nick Kennedy WA5BDU
24. Steve Gibbs K50Y
25. Bill Winscott N6CHA
26. Stan Ross K5VR
27. Steve Lowrey K5ATY
28. Mark Graves K500
29. Mose Howard KB5BV
30. Jerry Hawkins K5KBQ
31. John Lowny KD5GJB
32. Mark Clayton KC5IHY
33. Jerry Richards AB5SE
34. Curt Furtado KI5AK
35. Jim Crooke WB HQV
36. Randy Holden KD5IVV
37. Mark Hogan N50BC
38. Gary Harrison, K0BC
39. Carolyn Harrison, WB00UM
40. Jim Glover WB5UDE
41. George Lee, KR5C
42. Jan Medley N0QT
43. Lucy Dooley
44. Kathy Vines
45. Charles Hall KC5CVG

Date: Mon, 13 Mar 2000 17:15:50 -0500

From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:we6w@qsl.net" <we6w@qsl.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [65626] SOC Score:WE6W
Message-ID: <200003131718_MC2-9CD5-1B9@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Ed:

Well thanks for coming by ole K0EVZ right in the nick of time. Was just about to go "CL" when there you were, and it was a thrill to hear you with the newly completed K2 (which is even better than previously, if that is possible!). So I was glad to assist you.

Was only able to operate part of the time, but logged about 75 QSOes or so. May publish the complete log sometime later this evening. Gotta say it, the SOC Marathon was a blast with so many really great signals everywhere. I started on 20 but dropped to 40 when it seemed like 20 was drying up.

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 6028
Bismarck, ND 58506
K0EVZ@arrl.net

On 3/13/2000 at 1353 CT Ed Loranger wrote:

>>Worked a full minute in the contest and
got all of my 7 points right there.

Station:WE6W, Ed Loranger SOC#63
Pwr output = 5 Watts to Folded Dipole up 30 feet.
ZM-2 ATU, Vibroplex original bug and Argonaut 509.

DATE 3/11/2000
2359Z 7040 KHz. K0EVZ 559/559 ND #104

Time on the air:2 minutes to complete the QSO in QRN.

72/Ed we6w<<

Date: Mon, 13 Mar 2000 22:21:16 -0000
From: "Mel Evans" <mel@euramcom.freeseerve.co.uk>
To: <RangerSF5@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [65627] Re: Time Zones.
Message-ID: <000401bf8d3b\$1183cb20\$d81a883e@dsnqutvf>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gangue,

Any more of this type of info useful. Preparing page for site on time zones.
Listing of principal cities in various US Time zones would help us brits!

Regards

Mel

-----Original Message-----

From: RangerSF5@aol.com <RangerSF5@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: 10 March 2000 21:59
Subject: Re: Time Zones.

>In a message dated 3/10/00 4:16:06 PM Eastern Standard Time,
>hattonte@gdls.com writes:

>

><<

> THERE IS a nice mercatorial timezone map at

> <<http://aa.usno.navy.mil/AA/>>

>

> de Terry W1QF

> dit dit

> >>

>Thanks Terry,

>I was doing the calculations and converting local time to UTC when I really

>wanted UTC converted to local time.

>Thanks for posting the URL

>Bob

>WA2HOQrp <tm>

>

Date: Mon, 13 Mar 2000 15:03:03 -0800 (PST)

From: Ronnie Davis <ke4vpn@yahoo.com>
To: QRL List <qrp-1@Lehigh.EDU>
Subject: [65628] FS Shack Cleaning Sale
Message-ID: <20000313230303.26955.qmail@web618.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello

Im having a shack cleaning sale to raise money to purchase a K2! If you are interested in any items please email direct. What I cant sell here im going to go to ebay next. Thought someone might be interested?Thanks 73 de ke4vpn

MFJ-9406X 6-meter QRP SSB Radio, with mic, manual and cw adapter, factory box Great little rig! \$225.00 or B0

MFJ-462b SWL Mult-Reader Decodes RTTY/ASCII/CW/AMTOR with manual and factory box Very good shape \$ 125.00 or B0

MFJ-1706 TNC with manual,software,AC adapter and factory box. Works FB \$ 100.00 or B0

Telegraph Apparatus Co Key (TAC Key) missing black handle but in pretty good shape, works ok without handle. \$ 50.00

Vibroplex parts key # 88594 Japan Base Key is not complete Lighting Bug. Best Offer

Radio Shack DX-394 General Coverage Communications Receiver with 5 year warranty and manual and box \$300.00 or B0

Ten-Tec 544 Digital HF Rig, Remote VFO 242, Power Supply, KR-20a paddle key, sent back to Ten-Tec on 2/17/99 for check out and PTO rebuild dont want to sell this but may have to. Inquire if interested?

Thanks again Guys

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

Date: Mon, 13 Mar 2000 15:05:58 -0800 (PST)
From: Ronnie Davis <ke4vpn@yahoo.com>
To: QRL List <qrp-l@Lehigh.EDU>
Subject: [65629] TNX Fer Help with 50 mhz beam question
Message-ID: <20000313230558.27186.qmail@web618.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks fer all the help with my antenna problem. I
think I will try to sell it local and buy 10 meter
beam. 73 de ke4vpn

Do You Yahoo!?
Talk to your friends online with Yahoo! Messenger.
<http://im.yahoo.com>

End of QRP-L Digest 1759

